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(54) LAMINATION OF THERMOPLASTIC ELASTOMER COMPOSITION

(57) Abstract:

PURPOSE: To ensure that the amount of bleeding oil is very small and an appearance is more presentable by partially cross-linking a mixture of an oil-extended olefinic copolymer rubber containing a specific mineral oil softener and a propylene polymer resin and laminating a foam layer on the surface of the mixture.

CONSTITUTION: A mixture of 0.005 to 2 pts.wt. of anorganic peroxide and 0.01 to 4 pts.wt. of a cross-linking agent formulated with a total of 100 pts.wt. of 40 to 95 pts.wt. of oil-extended olefin copolymer rubber which contains 20 to 150 pts.wt. of a paraffinic mineral oil softener per 100 pts.wt. of ethylene- propylene-non-conjugated diene rubber, with 120 to 350 of Mooney viscosity at 100°C (ML1+4100°C), is partially cross-linked. In addition, a thermoplastic elastomer composition layer with an embossed surface is laminated on a polyethylene or polypropylene foam layer.

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